ORDER NO. MD0503051C3

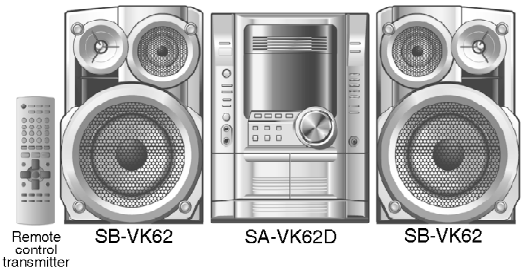
Service Manual

Speaker System

SB-VK62GC

Colour

(S)... Silver Type



SPECIFICATIONS

Specification

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Type	**3 way, 3 speaker system (Bass reflex)**
Speaker unit(s)	
Woofer	**16 cm cone type**
Tweeter	**6 cm cone type**
Super tweeter	**Piezo type**
Impedance	**4 Ω**
Input power (IEC)	**110 W (Max)**
Output sound pressure	**84 dB/W (1.0 m)**
Cross over frequency	**5 kHz, 10 kHz**
Frequency range	**39 Hz - 21 kHz (-16 dB)**
	52 Hz - 20 kHz (-10 dB)
Dimensions (W x H x D)	**227 x 344 x 234 mm**
Mass	**3.3 kg**

Notes :

1. Specifications are subject to change without notice.

2. Mass and dimensions are approximate.

3. The labels “HIGH” and “LOW” on the rear of the speakers refer to High frequency and Low frequency.

■ System : SC-VK62DEE-S	**Music Center : SA-VK62DEE-S**
	Front Speaker : SB-VK62GC-S
■ System : SC-VK62DGC-S	**Music Center : SA-VK62DGC-S**
	Front Speaker : SB-VK62GC-S
■ System : SC-VK62DGCSS	**Music Center : SA-VK62DGCSS**
	Front Speaker : SB-VK62GC-S
■ System : SC-VK62DGS-S	**Music Center : SA-VK62DGS-S**
	Front Speaker : SB-VK62GC-S

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⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public.
It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product.
Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

Panasonic

1. Connection of the Speaker Cables

- Be sure to connect speaker cables before connecting the AC power supply cord.

- The load impedance of any speaker used with this unit must be 4 Ω .

- Be sure to connect the cable from the right speaker to the right

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terminal and the cable from the left speaker to the left terminal.

1. Strip off the outer covering, and twist the center conductor. Make sure the bare ends of the wires are not unravelled. (If they are, twist them tight again.)

2. Insert the wire to the rear panel of the unit and close the lever.

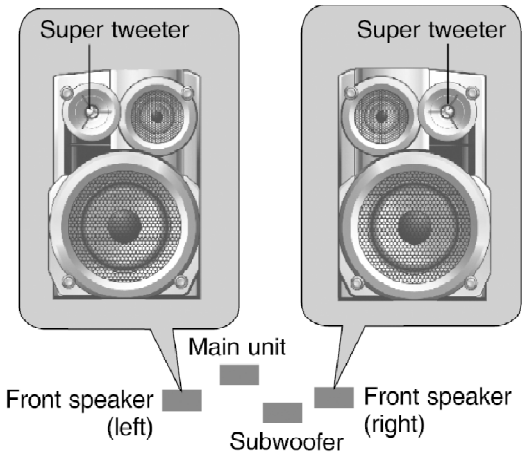
Notes :

- To prevent damage to circuitry, never short-circuit positive (+) and negative (-) speaker wires.

- Be sure to connect only positive (red) wires to positive (+) terminals and negative (black) wires to negative (-) terminals.

Placement

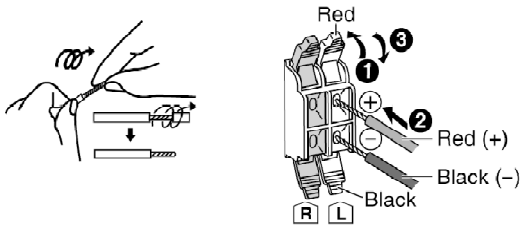
Place the speaker so that the super tweeter is on the outside.



Notes :

- You cannot take the front net off the speakers.

Connection



Use only the supplied speakers.

- Using other speakers can damage the unit and sound quality will be negatively affected.

- Set the speakers up on an even surface to prevent them from falling. Take proper precautions to prevent the speakers from falling if you cannot set them up on an even surface.

Positioning for best effect.

How you set up your speakers can affect the bass and the sound field. Note the following points.

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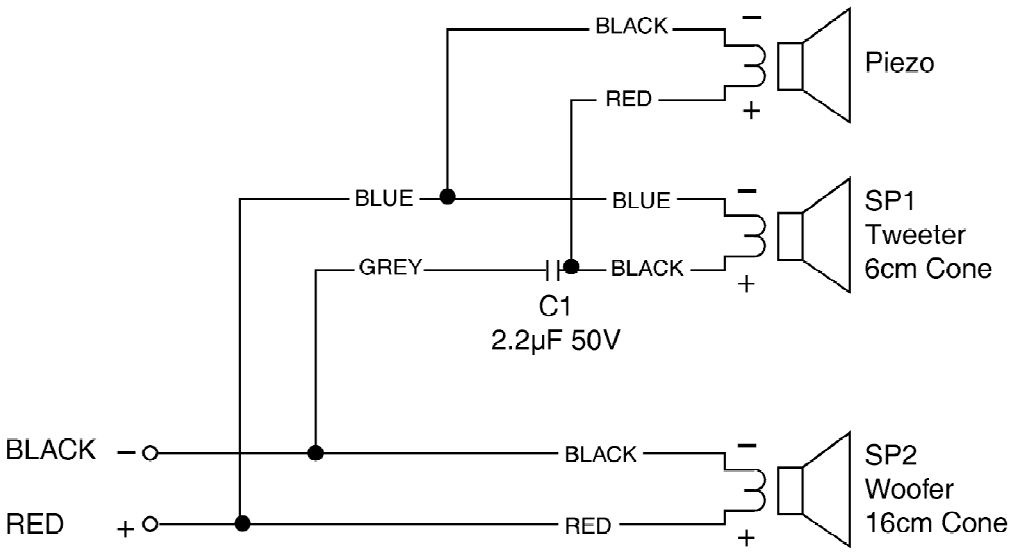
- Place speakers on flat secure bases.
- Placing speakers too close to floors, walls, and corners can result in excessive bass. Cover walls and windows with a thick curtain.
- Keep your speakers at least 10 mm away from the system for proper ventilation.

Notes on speaker use

- You can damage your speakers and shorten their useful life if you play sound at high levels over extended periods.
- Reduce the volume in the following cases to avoid damage.
- When playing distorted sound.
- When the speakers emit strange noise (howling) from a microphone or record player, noise from FM broadcasts, or continuous signals from an oscillator, test disc, or electronic instrument.
- When adjusting the sound quality.
- When turning the unit on or off.

Caution
- Use the speakers only with the recommended system. Failure to do so may lead to damage to the amplifier and/or the speakers, and may result in the risk of fire. Consult a qualified service person if damage has occurred or if you experience a sudden change in performance.
- Do not attach these speakers to walls or ceilings.

2. Connection of the Speaker Wiring



3. Cabinet Parts Location

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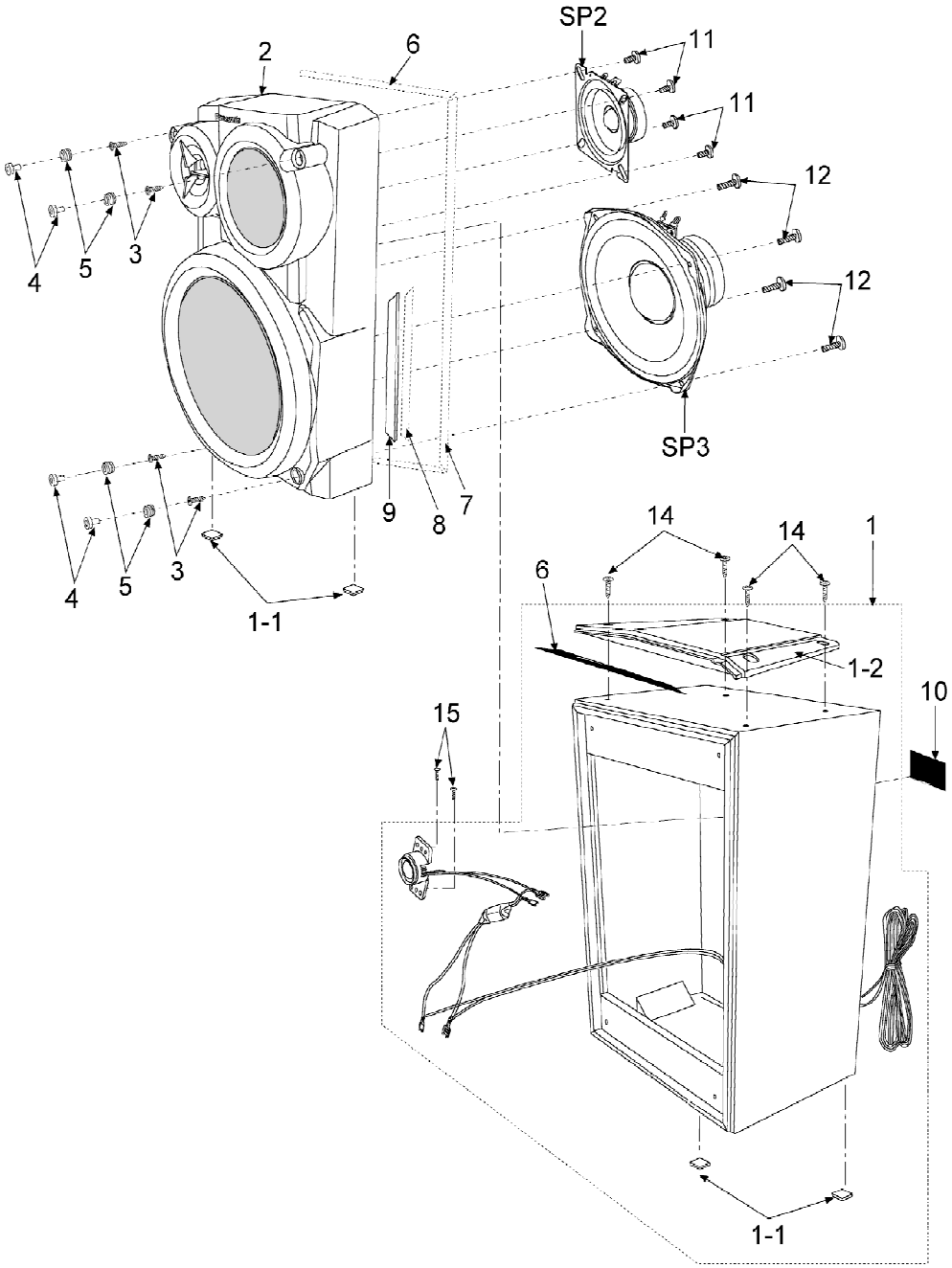

4. Replacement Parts List

Notes :

- Important safety notice :

When replacing any of these components, be sure to use only manufacturer's specified parts shown in the parts list.

- [M] markings in the Remarks columns indicates parts supplied by PAVCSG.

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Ref. No.	Part No.	Part Name & Description	Remarks
		CABINET AND CHASSIS	
1	RFKHBVK62GCA	SPK CABINET ASS'Y L	[M]
1	RFKHBVK62GCB	SPK CABINET ASS'Y R	[M]
1-1	RKA0072-KJ	LEG CUSHION	[M]
1-2	RGPX0089A-S	TOP PANEL R	[M]
1-2	RGPX0089-S	TOP PANEL L	[M]
2	RYBX0026A-S	FRONT PANEL ASS'Y R	[M]
2	RYBX0026-S	FRONT PANEL ASS'Y L	[M]
3	XTB4+16AFZ	SCREW	[M]
4	RGK0985B-S	ORNAMENT CAP	[M]
5	RMG0520-H	CATCHER	[M]
6	RMQ0931	HEMILON (210MM)	[M]
7	RMQ0931M	HEMILON (330MM)	[M]
8	RMQ0930N	HEMILON (140MM)	[M]
9	RYFX0119-H	SIDE COVER L	[M]
9	RYFX0119R-H	SIDE COVER R	[M]
10	RGNX0282-K	SPEC. SHEET	[M]
11	XTB4+6G	SCREW	[M]
12	XTB4+10GFZ	SCREW	[M]
14	XTB4+16AFN	SCREW	[M]
15	XTB3+10GFZ	SCREW	[M]
		CAPACITOR	
C1	ECEA1HAY2R2	2.2uf 50V	[M]
		PACKING MATERIALS	
P1	RPNX0329	POLYFOAM	[M]
P2	RPFX0137	MIRAMAT BAG	[M]
		SPEAKERS	
SP2	EAST6PH11K6	TWEETER	[M]
SP3	L0AA15A00004	WOOFER	[M]

5. Packaging

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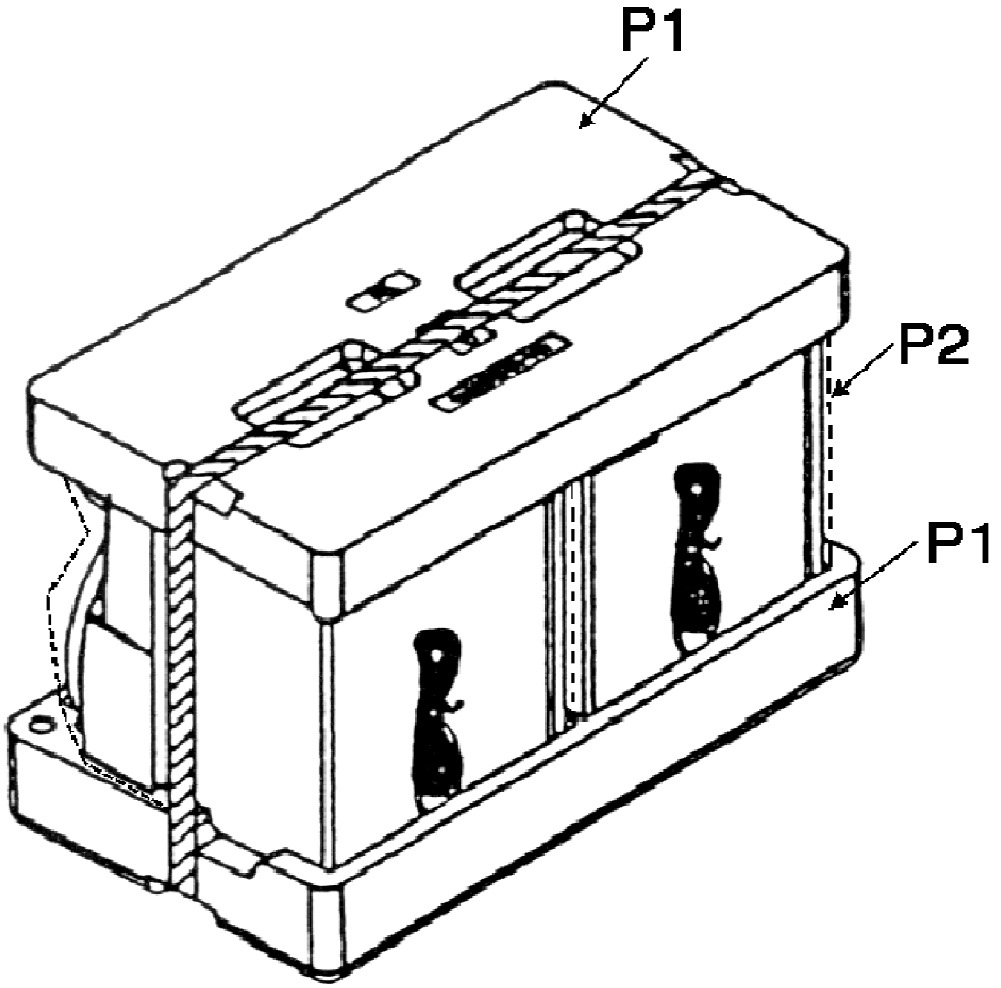

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